IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

SCHNEIDER et al

Serial No. 09/576,422

Filed: May 22, 2000

For: AUTOMATIC LIQUID INJECTION SYSTEM AND

METHOD

* * * * * * *

September 25, 2000

Atty. Ref.: 1889-33

Group: 3737

Examiner: Thanh

Assistant Commissioner for Patents Washington, DC 20231

Sir:

SUBMISSION OF NEW DECLARATION

The Declaration filed earlier in this application contained a typographical error in the filing date of the priority application. Attached is a corrected inventors' Declaration containing the correct priority date as 4 December 1997.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By:

Arthur R/Crawford

Reg. No. 25,327

ARC:pfc

1100 North Glebe Road, 8th Floor

Arlington, VA 22201-4714 Telephone: (703) 816-4000

Facsimile: (703) 816-4100

1889-33 BR023/Rotas





Nixon & Vanderhye P.C. (10/99) (Domestic Non-Assigned/Foreign) Page 1

RULE 63 (37 C.F.R. 1.63) INVENTORS DECLARATION FOR PATENT APPLICATION IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

☐ is attache ☑ was filed	of which (check a		LIQUID INJECTION SYSTEM AND MI	= 1 HOD	
is attache was filed		applicable box(s)):			
was filed	·	("			
	on	May 22, 2000	as U.S. Application Serial No.	09/576,422	(Atty Dkt. No. 1889-33)
was filed a	as PCT Internation	nal application No.		on	
		application) was amende	ed on	·	
amendment refe 37 C.F.R. 1.56. below and have	erred to above. I a I hereby claim for also identified bel d or, if no priority i	icknowledge the duty to eign priority benefits undow ow any foreign applicati	entents of the above identified specifica disclose information which is material der 35 U.S.C. 119/365 of any foreign a ion for patent or inventor's certificate ha ing date of this application:	to the patentability of pplication(s) for pater	this appiication in accordance with it or inventor's certificate listed
Application Nur	mber		Country		Day/Month/Year Filed
7810947.8			Europe		04 December 1997
subject matter of J.S.C. 112, I ack	f each of the claim knowledge the dut	is of this application is n	prior United States and PCT internation to disclosed in such prior applications of disclosed in such prior applications of this application.	in the manner provide	ed by the first paragraph of 35
• •		71 mematoral ming da	ne of this application.		Chabina material
Application Ser	Application(s):	•	Day/Month/Year Filed		Status: patented
ppiication Sei	iai No.	•	Day/Month real Filed		pending, abandoned
application or an	ly patent issued th I ton, VA 22201-47 If (of the same add	ereon. And on behalf or 714, telephone number tress) individually and connected therewith a	ne United States Code and that such w of the owner(s) hereof, I hereby appoint of (703) 816-4000 (to whom all community owner's/owners' attorneys to ond with the resulting patent: Arthur R.	NIXON & VANDERH inications are to be prosecute this applic	IYE P.C., 1100 North Glebe Rd., directed), and the following ation and to transact all business
attorneys thereon in the Patent and /anderhye, 2707 Bryan H. Davids (33149; H. Warre Molan, 29834; B. Lester, 32331; F. hames/numbers other organization	76; James T. Hosn on, 30251; Stanley on Burnam, Jr. 293 . J. Sadoff, 36663; rank P. Presta, 19 no longer with the	mer, 30184; Robert W. I y C. Spooner, 27393; Lo 166; Thomas E. Byrne, 3 ; James D. Berquist, 34 1828; Joseph S. Presta, e firm and to act and rely	Faris, 31352; Richard G. Besha, 22770 eonard C. Mitchard, 29009; Duane M. B32205; Mary J. Wilson, 32955; J. Scott 776; Updeep S. Gill, 37334; Michael J. 35329; Joseph A. Rhoa, 37515. I also y solely on instructions directly community on behalf of the wner(s).	i; Mark E. Nusbaum, 3 Byers, 33363; Jeffry F Davidson, 33489; Ala Shea, 34725; Donald a authorize Nixon & Va	ry S. Nixon, 25640; Robert A. 32348; Michael J. Keenan, 32106; H. Nelson, 30481; John R. Lastova an M. Kagen, 36178; Robert A. d L. Jackson, 41090; Michelle N. anderhye to delete any attorneyon, assignee, attorney, firm, or
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FOR ADDITIONAL INVENTORS, check box 🛛 and attach sheet with same information and signature and date for each.

Serial	3~ No. 09/576,422					& Vandernye P.C. (10/99 c Non-Assigned/Foreign)
3.	Inventor's Signature:	Christophe Christophe		GOLA'S GOLAY	/ Date:	Page 2 Nocust 28, Zono Swiss
	• • • • • • • • • • • • • • • • • • • •	(first)	MI	(last)		(citizenship)
	Residence: (city) Post Office Address: (Zip Code)	Les Eplanes 9, Rue du Faubourg, Les Eplane 1286	es, Switzerland	(state/country) Si	witzerland	
4.	Inventor's Signature: Inventor:	Jean Brocket		BROCHO		August 28, 2000 French
	Residence: (city)	(first) Feigeres	MI	(last) (state/country) Fr	2000	(citizenship)
	Post Office Address: (Zip Code)	L'Agnellu, Feigeres, France F-74160		(state/country)	rance	
5.	Inventor's Signature:	Feng YAN	-		Date:	
	Inventor:	Feng ⁰ (first)	MI	YAN (last)		French (citizenship)
	Residence: (city)	Carouge		• • • • • • • • • • • • • • • • • • • •	witzerland	
	Post Office Address: (Zip Code)	12, Route des Acacias, Carouge	e, Switzerland			

FOR ADDITIONAL INVENTORS, check box $\ \square$ and attach sheet with same information and signature and date for each.



OCTOBER 03, 2003

8TH FLOOR

NIXON & VANDERHYE P.C. MICHELLE N. LESTER 1100 NORTH GLEBE ROAD

ARLINGTON, VA 22201



PTAS

Chief Financial Officer and Chief Administrative Officer Washington, DC 20231 www.uspto.gov



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RECORDATION DATE: 05/01/2003

REEL/FRAME: 014020/0204

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MATHIEU, CHRISTIAN

DOC DATE: 04/24/2003

ASSIGNEE:

BRACCO RESEARCH S.A. 31 ROUTE DE LA GALAISE GENEVE, PLAN-LES-OUATES, SWITZERLAND 1228

SERIAL NUMBER: 09576422

PATENT NUMBER:

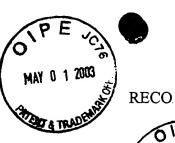
FILING DATE: 05/22/2000

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Commissioner of Patents

P.O. Box 1450

Alexandria, VA 22313-1450	
To the Honorable Commissioner of Patents and Tradersairs: Ple	ease record the attached original documents or copy thereof.
1. Name of conveying party(ies): Christian MATHIEU 5.1-03	2. Name and address of receiving party(ies):
319)	Name: Bracco Research S.A.
	Internal Address:
	Street Address: 31 route de la Galaise
Additional name/s of conveying party/ies attached?	
3. Nature of conveyance:	City: Geneve, Plan-Les-Ouates
Assignment Merger	State/Country: Switzerland
Security Assignment Change of Name	Zip: 1228
Other	
Execution Date: April 24, 2003	Additional name/s & address/es attached? Yes No
Application number(s) or patent number(s): If this document is being filed together with a new application, the execut	tion date of the application is:
A. Dataset Associate Na(a)	B. Patent No(s).
A. Patent Application No(s).	(1)
(1) 09/576,422	(1)
(2)	$\begin{pmatrix} (2) \\ (3) \end{pmatrix}$
(3) Additional numbers	
5. Name and address of party to whom correspondence	6. Total number of applications & patents involved:
concerning document should be mailed:	11
concoming document means of manage.	7. Total fee (37 CFR 3.41) \$ 40.00
Name: Michelle N. Lester	⊠ Enclosed
A THIMAN A THE STATE OF THE STA	Authorized to be charged to deposit account #14-1140
Internal Address:	
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Street Address: Nixon & Vanderhye P.C.	deficiency in the fee(s) filed, or asserted to be filed, or which
1100 North Glebe Road	should have been filed herewith (or with any paper thereafte
8 th Floor	filed in this application by this firm) to our Account No.
City: Arlington State: VA Zip: 22201	14-1140.
	SE THIS SPACE
O Characteristic and discussions	
9. Statements and signature. To the best of my knowledge and belief, the foregoing inform	nation is true and correct and any attached copy is a true copy
of the original document.	mation is the and correct and any attached copy is a due copy
of the original document.	The day
Michalla N. Laster	May 1, 2003
Michelle N. Lester	Signature Date
Name of Person Signing S Reg. No. 32,331	7.5.14.41.0
Reg. No. 32,331 Total number of pages including ori 5/2003 LINETLER 00000109 09576422	iginal cover sheet, attachments, and document: [2]
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1889-33

ASSIGNMENT OF PATENT APPLICATION

(Inventor)

Christian MATHIEU

Bracco Research S.A.

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) (Address)

(of 31, route de la Galaise, 1228 Plan-Les-Ouates Switzerland

(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for

the country of

(Other Countries) (Title)

in the invention, and all application for patent and any Letters Patent which

may be granted therefore, known as

AUTOMATIC LIQUID INJECTION SYSTEM AND METHOD (Case No. 1889-33) for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed

or has already filed in

(U.S. appln. Serial No. 09/576,422, filed on May 22, 2000).

The undersigned acknowledges an obligation of assignment of this invention to said

assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

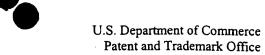
The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date: 24/04/2003 Signature of Inventor (____

Form PTO-1595 1-31-92



Our Ref.: 1889-33

RECORDATION FORM COVER SHEET

PATENTS ONLY

Mail Stop Assignment Recordation Services
Commissioner of Patents

P.O. Box 1450

Alexandria, VA 22313-1450	
To the Honorable Commissioner of Patents and Trademarks: F	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Christian MATHIEU	
	Name: Bracco Research S.A.
	Internal Address:
	Street Address: 31 route de la Galaise
Additional name/s of conveying party/ies attached?	
3. Nature of conveyance:	City: Geneve, Plan-Les-Ouates
Assignment Merger	State/Country: Switzerland
Security Assignment Change of Name	Zip: 1228
Other	5-p- <u>13</u>
	-
Execution Date: April 24, 2003	_ Additional name/s & address/es attached? \[Yes \in No
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution of the second se	cution date of the application is:
A. Patent Application No(s).	B. Patent No(s).
(1) 09/576,422	(1)
(2)	(2)
(3)	(3)
Additional number	
5. Name and address of party to whom correspondence	6. Total number of applications & patents involved:1
concerning document should be mailed:	
·	7. Total fee (37 CFR 3.41) \$
Name: Michelle N. Lester	_ Enclosed
	Authorized to be charged to deposit account #14-1140
Internal Address:	_
·	8. The Commissioner is hereby authorized to charge any
Street Address: Nixon & Vanderhye P.C.	<u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which
1100 North Glebe Road	should have been filed herewith (or with any paper thereafter
8 th Floor	filed in this application by this firm) to our Account No.
City: Arlington State: VA Zip: 22201	_ 14-1140.
DO NOT	USE THIS SPACE
9. Statements and signature.	
To the best of my knowledge and belief, the foregoing inform of the original document.	rmation is true and correct and any attached copy is a true copy
Michelle N. Lester	May 1, 2003
	Signature Date
Reg. No. 32,331	
	riginal cover sheet, attachments, and document: [2]
The state of bases metabases	•



1889-33

ASSIGNMENT OF PATENT APPLICATION

(Inventor)

Christian MATHIEU

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign,

and hereby does assign, transfer and set over to

(Assignee) (Address)

Bracco Research S.A.

(of 31, route de la Galaise, 1228 Plan-Les-Ouates Switzerland

(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for

(Other Countries) (Title)

in the invention, and all application for patent and any Letters Patent which

may be granted therefore, known as

AUTOMATIC LIQUID INJECTION SYSTEM AND METHOD (Case No. 1889-33) for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed or has already filed in

(U.S. appln. Serial No. 09/576,422, filed on May 22, 2000).

The undersigned acknowledges an obligation of assignment of this invention to said

assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date: 24/04/2003 Signature of Inventor (___

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

SCHNEIDER et al

Serial No. 09/576

Filed: May 22, 2000

Atty. Ref.: 1889-33

Group: 3737

Examiner: Thompson, K.

For: AUTOMATIC LIQUID INJECTION SYSTEM AND METHOD

May 1, 2003

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

REQUEST FOR CORRECTION OF INVENTORSHIP UNDER 37 CFR §1.48(a)

It is respectfully requested that the inventorship of the above-identified application be corrected to list the following inventors:

Michael Schneider Christophe Golay Laurent Jakob Jean Brochot Feng Yan Christian Mathieu

The present request is being filed pursuant to 37 CFR §1.48(a). One inventor is being added. A statement from the added inventor that the error in inventorship occurred without deceptive intention on their part is attached. Furthermore, an Oath or Declaration by all actual inventors is attached. The processing fee set forth in 37 CFR §1.17(i)(\$130), pursuant to Rule 48(a)(4) is attached. A written consent of the assignee is also attached along with a copy of a newly executed Assignment from the newly named inventor, Christian Mathieu, to the Assignee. The assignment attached to

SCHNEIDER et al Serial No. 09/576,422 May 1, 2003

the consent is concurrently being filed for recordation in the U.S. Patent and Trademark Office.

Grant of the present request for correction of inventorship and early issuance of a new filing receipt indicating the above-identified inventors are respectfully requested.

The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140 under Order No. 1889-33.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By:	·	
	Michelle N. Lester	
	Reg. No. 32,331	

MNL:slj 1100 North Glebe Road, 8th Floor Arlington, VA 22201-4714 Telephone: (703) 816-4000

Facsimile: (703) 816-4100



IN THE UNITED STA

In re Patent Application of

SCHNEIDER et al

Atty. Ref.: 1889-33

Senal No. 09/576,422

Group: 3737

Filed: May 22, 2000

Examiner: Thompson, K.

For: AUTOMATIC LIQUID INJECTION SYSTEM AND

METHOD

Assistant Commissioner for Patents Washington, DC 20231

Sir:

STATEMENT UNDER RULE 48(a)

I, Christian HATHIEY OF REMORAY, FRANCE, state that the error in not naming me as an inventor of the above-identified application occurred without deceptive intention on my part.

Signature:

24/04/2007

Date

R023/Rotas



Nixon & Vanderhye P.C. (10/99) (Domestic Non-Assigned/Foreign) Page 1

INVENTORS DECLARATION FOR PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am the original, first and sole Inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

AUTOMATIC LIQUID INJECTION SYSTEM AND METHOD

	cification of which (check	applicable box(s)):				
		•				
	is attached hereto					
[X]	was filed on	May 22, 2000	as U.S. Application	Serial No. 09/5	76.422	(Atty. Dkt. No. 1889-33)
	was filed as PCT Internal	• •		on		•
and (if	applicable to U.S. or PCT	application) was amende	ed on May 22, 20	000		
amend defined listed b which p	I in 37 C.F.R. 1.56. I here	acknowledge the duty to by claim foreign priority b led below any foreign ap priority is claimed, before	disclose to the Patent Or penefils under 35 U.S.C. plication for patent or invertee the filing date of this app	ffice all information 119/365 of any fore entor's certificate h	known to me to be eign application(s)	e material to patentability as for patent or inventor's certificate before that of the application on
		u r	Country			Day/Month/Year Filed
	97810947.8	, ,	EP			04 December 1997
	y claim the benefit under S Application Numb	er	Date/Month/Year	Filed	_	have as below
Inered	y claim the benefit under s	120/365 OF BIT P	prior United States and P	C i international ap	plicavons listed al	dove or baidw;
Prior U	I.S/PCT Application(s):					Status: patented
Applic	ation Serial No.		Day/Month/Year	Filed		pending, abandoned
••						3 ,
	09/204,067		03/DEC/199(3		Pending
reb	; and further that these sta	tements were made with	the knowledge that willfi	ul false statements	and the like so ma false statements n	ation and belief are believed to ade are punishable by fine or hay jeopardize the validity of the
applica 4000 (t owner's resultin	tion or any patent Issued to whom all communications s/owners' attorneys to pros g patent. I also authorize communicated from the p	hereon. And on behalf on is are to be directed) and secute this application an Nixon & Vanderhye to ac	of the owner(s) hereof, I had the attorneys of: CUS do to transact all business do or delete attorneys from the firm, or other organization.	ereby appoint Nixostomer Nun in the Patent and in that Customer N lion sending instruction SCHN (lé	nber 23117 Trademark Office lumber, and to act	C., telephone number 703-816- , individually and collectively connected therewith and with the and rely solely on instructions /anderhye on behalf of the 29 + 4 , 2003 French (citizenship)
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[X] See attached sheet(s) for additional inventor(s) information!!



1889-33 Serial No. 09/576,422

Nixon & Vanderhye P.C. (10/99) (Domestic Non-Assigned/Foreign)

3.	inventor's Signature:		4/1408		Date:	29/4/03
	inventor:	Laurent		JAK08	-	Swiss
		(first)	MI	(jast)		(citizenship)
	Residence: (city)	Soral		(state/country) Switze	rland	(0.0.20.00.00)
	Mailing Address:	27, Chemin du Faub	ourg, Soral, Switzerland			
	(Zlp Code)	1286		·····		
4.	Inventor's Signature:	Dearle	Prochor		_	29.04.2003
₹.	Inventor.	Jean			Date:	
	mivernor.	Jean (first)		BROCHOT		French
	Residence: (city)	, ,	MI	(last)		(citizenship)
	, ,,	Felgeres		_ (state/country) France	<u> </u>	
	Mailing Address:	L'Agnellu, Feigeres, I	France			
	(Zip Code)	F-74160				
5.	Inventor's Signature:		w tend		Date:	24/04/2003
	Inventor.	Feng /	O	YAN		Chinese
		(first)	MI	(last)		(citizenshlp)
	Residence: (city)	Meyrin		(state/country) Switze	land	
	Mailing Address:	65, Aue des Lattes, M	leyrin, Switzerland	-		
	(Zip Code)	1217				
s	Inventor's Signature:	× 11	11.		0-4	V 8// //2 -2
	Inventor:	Christian	4444		Date:	x24(04(2003
	mvamo.	(first)	, , , , , , , , , , , , , , , , , , ,	MATHIEU		French
	Residence: (city)		MI	(last)		(citizenshlp)
		Remoray		_ (state/country) _ France		
	Mailing Address:	9, Chemin des Places	s, Hemoray, France			
	(Zlp Code)	25160	·			

FOR ADDITIONAL INVENTORS, check box [] and attach sheet with same information and signature and date for each.



IN THE UNITED STATES PARTED TRADEMARK OFFICE

In re Patent Application of

SCHNEIDER et al

Atty. Ref.: 1889-33

Serial No. 09/576,422

Group: 3737

Filed: May 22, 2000

Examiner: Thompson, K.

For: AUTOMATIC LIQUID INJECTION SYSTEM AND

METHOD

* * * * * * * *

Assistant Commissioner for Patents Washington, DC 20231

Sir:

CONSENT OF THE ASSIGNEE TO CORRECTION OF INVENTORSHIP

BRACCO RESEARCH S.A., having a principal place business at 31, route de la Galaise, 1228 Plan-Les-Ouates, Switzerland, verifies through its duly authorized representative that it is the assignee of the above-identified application by way of an Assignment executed by Michael SCHNEIDER, Laurent JAKOB, Christophe GOLAY, Jean BROCHOT, and Feng YAN, recorded in the United States Patent and Trademark Office on December 3, 1998, at Reel 9658, Frame(s) 0347, and by way of an assignment executed by Christian MATHIEU, copy attached and separately submitted for recordation in the United States Patent & Trademark Office along with the present paper.

I represent that I am authorized to execute this document on behalf of BRACCO RESEARCH S.A. I further certify that to the best of my knowledge and belief the title of this invention is in BRACCO RESEARCH S.A.

SCHNEIDER et al Serial No. 09/576,422

bracco research s.a. being assignee of the above-identified application, hereby consents to the correction of inventorship of the above-identified application to add Christian MATHIEU as an inventor.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signed this 29th day of April, 2003.

BRACCO RESEARCH S.A.

Michel SCHNEIDER

Director

1889-33

ASSIGNMENT OF PATENT APPLICATION

(Inventor)

Christian MATHIEU

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) (Address)

Bracco Research S.A.

(of 31, route de la Galaise, 1228 Plan-Les-Ouates Switzerland

(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for

(Other Countries) (Title)

in the invention, and all application for patent and any Letters Patent which

may be granted therefore, known as

AUTOMATIC LIQUID INJECTION SYSTEM AND METHOD (Case No. 1889-33) for which the undersigned has (have) executed on even data herewith an application for patent in the United States of America or, if not on even date, then has executed or has already filed in

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assignee at the time the invention was made.

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The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date: 24/04/2003 Signature of Inventor (

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